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LARYNGOLOGY PRODUCTS

OSSEOUS

Laryngology Products



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Laryngectomy Tube

Laryngectomy Tube designs to maintain an airway of laryngectomy and also maintains the opening of the tracheostoma.

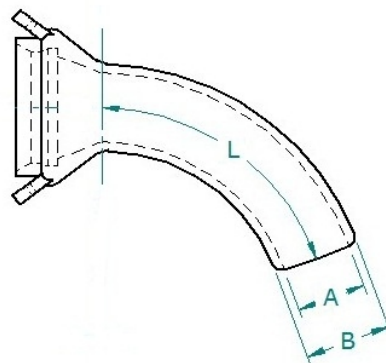
Several small fenestration are preferred over a single large one in order to prevent locking and dislocation of the voice prosthesis.

Standard version of Laryngectomy Tube is made for use without voice prosthesis.



Design Benefits:

- ✦ Prevent tracheostoma stenosis.
- ✦ Supportive for the stoma and the trachea.
- ✦ Used to attach a Speaking valve.
- ✦ Smooth rounded edge for extra comfort.
- ✦ Fenestrated prevent dislocation of voice prosthesis.
- ✦ Comfortable flange, Lightweight.
- ✦ Non-adherent smooth surface.
- ✦ Available with tabs for attaching a neck strap.



Material: Clear Medical Grade Silicone

REF Number Standard	Fenestrated	Size	Inner Diameter (A)mm	Outer Diameter (B)mm	Length (L) mm	No. Of Piece/Package
E3110836S	E3110836F	8/36	9.5	12	36	1 piece ETO Sterile/Non-Sterile
E3110855S	E3110855F	8/55	9.5	12	55	1 piece ETO Sterile/Non-Sterile
E3110936S	E3110936F	9/36	10.5	13.5	36	1 piece ETO Sterile/Non-Sterile
E3110955S	E3110955F	9/55	10.5	13.5	55	1 piece ETO Sterile/Non-Sterile
E3111036S	E3111036F	10/36	12	15	36	1 piece ETO Sterile/Non-Sterile
E3111055S	E3111055F	10/55	12	15	55	1 piece ETO Sterile/Non-Sterile
E3111236S	E3111236F	12/36	13.5	17	36	1 piece ETO Sterile/Non-Sterile
E3111255S	E3111255F	12/55	13.5	17	55	1 piece ETO Sterile/Non-Sterile

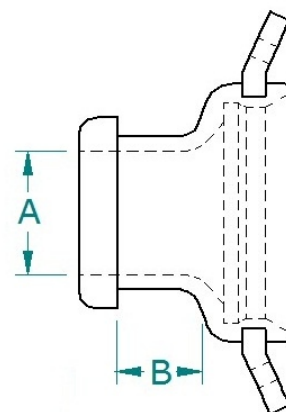


Laryngectomy Button

Laryngectomy Button is a self-retaining holder for device in the intended for vocal and pulmonary rehabilitation after laryngectomy. It can supply stomal support and help to keep the tracheostoma open and is ideally suited for patients who otherwise no longer need a tracheostomy tube.

Design Benefits

- ✦ Prevent tracheostoma stenosis and support the stoma.
- ✦ Used to attach a speaking valve.
- ✦ Well suited for circumferential skin fold around stoma and in sensitive skin.
- ✦ Used as an alternative to the adhesive housing.
- ✦ The conical shape facilitates a secure and comfortable fit.
- ✦ Atraumatically shaped to reduce negative side-effects such as stoma irritation and bleeding.
- ✦ Transparent, extremely lightweight and ease of insertion.
- ✦ Available with tabs for attaching a neck strap.



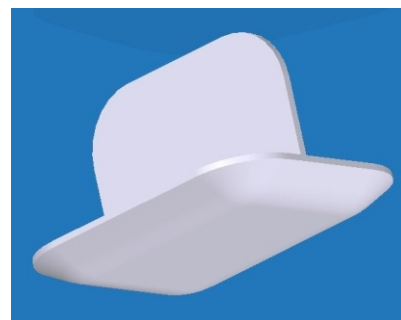
Material: Clear Medical Grade Silicone

REF Number	Size	Outer Diameter (A)mm	Length (B)mm	No. Of Piece/Package
E3131208	12/8	12	8	1 piece ETO Sterile/Non-Sterile
E3131408	14/8	14	8	1 piece ETO Sterile/Non-Sterile
E3131608	16/8	16	8	1 piece ETO Sterile/Non-Sterile
E3131808	18/8	18	8	1 piece ETO Sterile/Non-Sterile
E3131218	12/18	12	18	1 piece ETO Sterile/Non-Sterile
E3131418	14/18	14	18	1 piece ETO Sterile/Non-Sterile
E3131618	16/18	16	18	1 piece ETO Sterile/Non-Sterile
E3131818	18/18	18	18	1 piece ETO Sterile/Non-Sterile



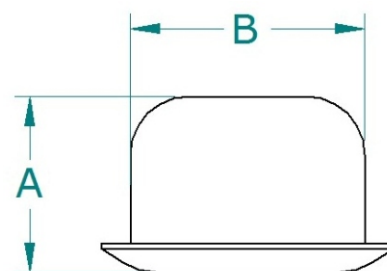
Laryngeal Umbrella Keel

Laryngeal Umbrella keel use to repair of anterior subglottic laryngeal stenosis, with or without vocal cord paralysis, subsequent to removal of a laryngeal stent to insure reformation of a sharp anterior commissure and to prevent formation of an anterior web. The extra laryngeal surface is secured to the thyroid laminate to protect the thyrotomy repair.



Design Benefits

- ✦ Helps to repair of anterior glottic stenosis and to protect the thyrotomy repair.
- ✦ Prevention of stenosis following hemilaryngectomy.
- ✦ Formation of a sharp anterior commissure subsequent to removal of laryngeal stent.
- ✦ Soft, solid conforming structure.
- ✦ Solid and soft structure consisting extralaryngeal cover with a thin intralaryngeal insert.
- ✦ Anti-adherent smooth surface.
- ✦ Available in Clear or White material.
- ✦ White umbrella keel enables easy visualization for removal.



Material: Medical Grade Silicone

REF Number		Size (A) mm	Size (B) mm	No. Of Piece/Package
Clear	White			
E31212C	E31212W	12	16	1 piece ETO Sterile/Non-Sterile
E31214C	E31214W	14	16	1 piece ETO Sterile/Non-Sterile
E31216C	E31216W	16	16	1 piece ETO Sterile/Non-Sterile

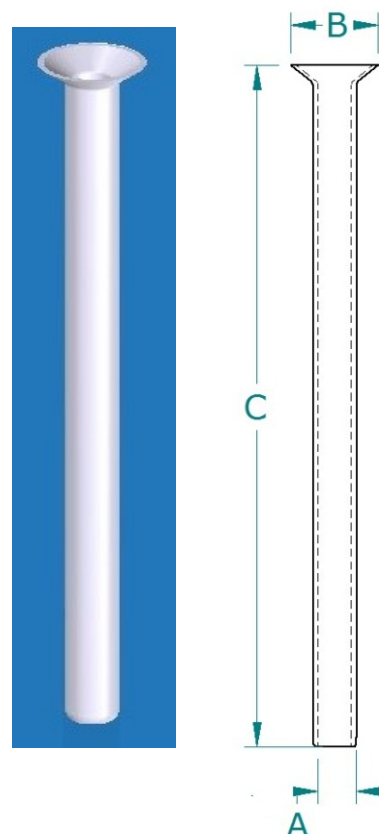


Salivary by-pass Tube

Salivary by-pass Tube directs saliva which discharges from neck wound after surgery into the distal esophagus and to facilitate the management of fistula resulting from a variety of causes including advanced malignancy, surgery, radiation, trauma and caustic ingestion. Because of these host factors, placement of the tubes may be associated with pressure necrosis of local tissues.

Design Benefits:

- ✦ Control salivary leakage from the pharyngocutaneous fistula after total laryngectomy.
- ✦ Used in poor wound healing due to systemic problem or regional factors.
- ✦ The constant bathing by saliva to the tissues altered surgery, infection, or radiation therapy is a prime factor in retarding the progress of healing and fistula closure.
- ✦ Provides anti-aherent smooth surface.
- ✦ Provides secure fit in the superior esophagus and hypopharynx.
- ✦ Available in Clear or White material.



Material: Medical Grade Silicone

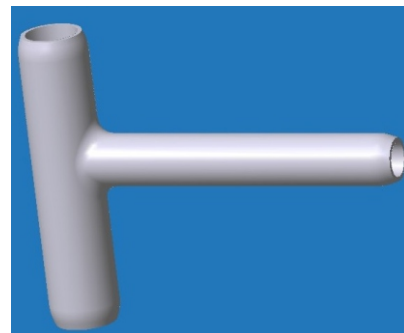
REF Number Clear	REF Number White	Diameter (A) mm	Size (B) mm	Length (C) mm	No. Of Piece/Package
E31410C	E31410W	10	24	188	1 piece ETO Sterile/Non-Sterile
E31412C	E31412W	12	24	188	1 piece ETO Sterile/Non-Sterile
E31414C	E31414W	14	27	188	1 piece ETO Sterile/Non-Sterile



Standard Tracheal T-Tube

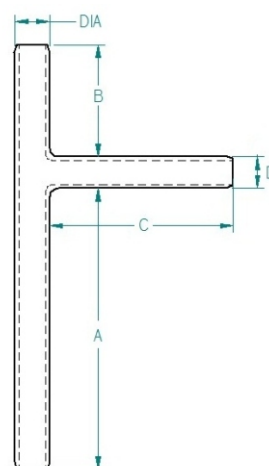
Tracheal T-Tube is designed to maintain an adequate airway as well as to provide support in the stenotic trachea that has been reconstituted or reconstructed. The single-piece construction develops routine breathing and maintenance.

Standard Tracheal T-Tube is the original design featuring dimensions that will work for the majority of surgical cases.



Design Benefits

- ✦ To support a reconstituted and a reconstructed trachea.
- ✦ Reduces the possibility of accidental posterior displacement.
- ✦ Easy to insert, suction, remove and can be used with anesthesia.
- ✦ Reduces excessive movement of the T-Tube.
- ✦ Eliminates complications in cases of edema.
- ✦ Size and diameter are good as per pediatric anatomy.
- ✦ Non-adherent smooth surface.
- ✦ Available in Clear or White material.



Material: Medical Grade Silicone

REF Number Clear	REF Number White	Outer Diameter	A	B	C	D	No. Of Piece/Package
E31506CS	E31506WS	6	10	6	48	5	1 piece ETO Sterile/Non-Sterile
E31508CS	E31508WS	8	16	12	36	6	1 piece ETO Sterile/Non-Sterile
E31510CS	E31510WS	10	23	17	44	8	1 piece ETO Sterile/Non-Sterile
E31512CS	E31512WS	12	31	21	55	11	1 piece ETO Sterile/Non-Sterile
E31514CS	E31514WS	14	32	23	64	11	1 piece ETO Sterile/Non-Sterile
E31516CS	E31516WS	16	31	23	63	12	1 piece ETO Sterile/Non-Sterile

All dimensions are in mm



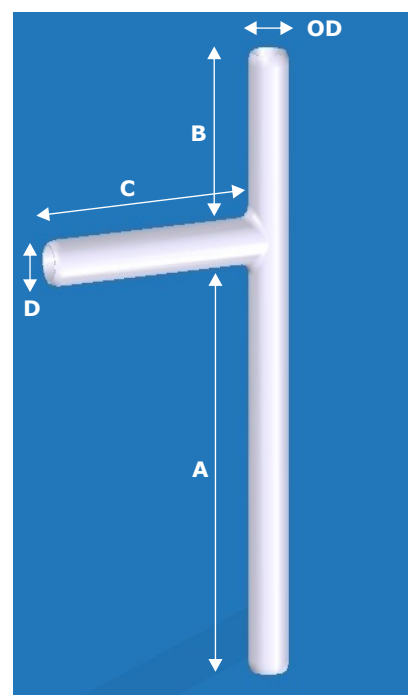
Long Tracheal T-Tube

Extra-Long Tracheal T-Tube

Long and Extra Long Tracheal T-Tube enable short-term surgical management of tracheal and subglottic stenosis and the reconstruction of cervical and trachea and long limb serve as both a tracheotomy tube and a tracheal stent. Long T-Tubes are designed with long limb to bypass and stent a tracheal stenosis between the thoracic inlet and the carina. Extra Long limb maintaining an adequate clearance in the airway and capable of keeping this function for long periods.

Design Benefits

- ✦ Long and Extra Long distal limb so customize the intraluminal limb to any desired length.
- ✦ To support intrathoracic tracheal stenosis.
- ✦ Not harden, non-reactive and non-irritating to ensure patient comfort.
- ✦ Permit secure placement to maintain the airway in acute injuries.
- ✦ Prevents sliding and facilitates the aspiration of bronchial secretions.
- ✦ Used as a tracheotomy tube and a tracheal stent.
- ✦ Eliminates complications in cases of edema.
- ✦ Non-adherent smooth surface.
- ✦ Available in Clear or White material.



Material: Medical Grade Silicone

REF Number Clear	REF Number White	Outer Diameter	A	B	C	D	Size	No. Of Piece/Package
E31506CL	E31506WL	6	34	7	48	5	Long	1 piece ETO Sterile/Non-Sterile
E31508CL	E31508WL	8	58	12	49	6.5	Long	1 piece ETO Sterile/Non-Sterile
E31510CL	E31510WL	10	63	17	50	8	Long	1 piece ETO Sterile/Non-Sterile
E31512CL	E31512WL	12	72	20	59	11	Long	1 piece ETO Sterile/Non-Sterile
E31514CL	E31514WL	14	72	23	66	11	Long	1 piece ETO Sterile/Non-Sterile
E31516CL	E31516WL	16	81	24	70	12	Long	1 piece ETO Sterile/Non-Sterile
E31506CE	E31506WE	6	40	30	48	5	Extra-Long	1 piece ETO Sterile/Non-Sterile
E31508CE	E31508WE	8	60	49	40	6.5	Extra-Long	1 piece ETO Sterile/Non-Sterile
E31510CE	E31510WE	10	68	48	41	8	Extra-Long	1 piece ETO Sterile/Non-Sterile
E31512CE	E31512WE	12	98	39	64	11	Extra-Long	1 piece ETO Sterile/Non-Sterile
E31514CE	E31514WE	14	97	48	74	11	Extra-Long	1 piece ETO Sterile/Non-Sterile

All dimensions are in mm



Accessories

Heat/Moisture Exchanger (HME)

A laryngectomy leads to a loss of mouth/nose breathing. This means that the filtering warming and humidification of the air has to happen in a different way. To prevent irritation of the airways, due to dry air, dust or harmful substances contained in the air, a filter is required. So Heat/Moisture Exchanger (HME) helps to keep your lungs healthy by humidifying and filtering the air that you breathe.

Air-HME more useful during day while physical activity is more, since it has the lowest breathing resistance.

Moist-HME more useful during night for getting the best possible humidification and breathe comfortably.



Design Benefits

- ✦ Low breathing resistance.
- ✦ Reduces coughing and mucus production.
- ✦ Easy occlusion of the stoma for voicing.
- ✦ Can be used day and night.
- ✦ Comfortable breathing.
- ✦ Facilitates speaking for laryngectomised patients with a voice prosthesis.
- ✦ Prevents secretions from reaching the patient's fingers or clothing.
- ✦ Quickly removed at any time.

REF Number	Descriptions	No. Of Piece/Package
EA91001	Air-Heat/Moisture Exchanger (HME)	5 pieces Sterile/Non-Sterile
EA91002	Moist-Heat/Moisture Exchanger (HME)	5 pieces Sterile/Non-Sterile



Accessories

Shower Guard

Shower Guard is a cover that protects your stoma from water while enjoying a shower and switch back when it finished.



Design Benefits

- ✦ Shower Guard Shield stoma for water.

Laryngeal Brush

The Laryngeal Brush is used for gentle and thorough cleaning of the laryngectomy tube and laryngectomy button.



Design Benefits

- ✦ Considerably facilitates cleaning and provides additional protection from damaging & scratching the laryngectomy tube & laryngectomy button.
- ✦ Adhering secretions can be effectively absorbed and removed.

Laryngeal Holder

The Laryngeal Holder is use with laryngectomy tube and laryngectomy button. It is suitable for users with sensitive skin around the stoma. The integrated connectors allow for optimal fit to the wings of the laryngectomy tube and laryngectomy button.



Design Benefits

Created to securely hold the laryngectomy tube and laryngectomy button in place at the stoma site.

REF Number	Descriptions	No. Of Piece/Package
EA91003	Shower Guard	1 piece Sterile/Non-Sterile
EA91004	Laryngela Brush	1 piece Sterile/Non-Sterile
EA91005	Laryngeal Holder	1 piece Sterile/Non-Sterile